1. Intro to Arrays

Lots of data. Lots of donuts. Mmm donuts.

Arrays hold multiple data values like a list.

1. Donuts to Code

An array is a data structure that you can use to store **multiple values** and arrays are also **organized**. Starts at 0.

1. Creating an Array

var donuts = [];

Keyboard shortcuts are powerful.

1. Accessing Array Elements

Index references the location, or **position**, of an element in an array.

1. Array Index
2. Quiz: UdaciFamily (6-1)

var udaciFamily = ["Julia", "James", "Brian"];

console.log(udaciFamily);

1. Quiz: Building the Crew (6-2)

var crew = [];

crew.push(captain);

crew.push(second);

crew.push(pilot);

crew.push(companion);

crew.push(mercenary);

crew.push(mechanic);

console.log(crew);

1. Quiz: The Price is Right (6-3)

prices[0] = 2.46;

prices[2] = 180.22;

prices[6] = 2.20;

console.log(prices);

1. Array Properties and Methods
2. Length
3. Push
4. Pop
5. Splice
6. Quiz: Colors of the Rainbow (6-4)
7. Quiz: Quidditch Cup (6-5)
8. Quiz: Joining the Crew (6-6)
9. Quiz: Quiz: Checking out the Docs (6-7)
10. Array Loops
11. The forEach Loop
12. Quiz: Another Type of Loop (6-8)
13. Map
14. Quiz: I Got Bills (6-9)
15. Arrays in Arrays
16. 2D Donut Arrays
17. Quiz: Nested Numbers (6-10)
18. Lesson 6 Summary